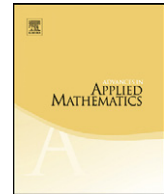


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Corrigendum

Corrigendum to “The Mahonian probability distribution on words is asymptotically normal” [Adv. in Appl. Math. 46 (1–4) (2011) 109–124]

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The number of inversions M_{a_1, a_2, \dots, a_m} in a word studied in this paper is a well-known quantity in statistics. It is equivalent to the test statistics by [2] and [5] and it can be seen as a case of Kendall's τ with ties; the two-letter case is the Mann–Whitney test statistic [3]. The asymptotic normality is also well known; the two-letter case was shown already by [3], and a proof that applies in the same generality as our Theorem 1.2 (allowing an unbounded number of letters) is given by [1, pp. 128–129]. For the two-letter case, [4] gave a local limit theorem, with more restrictive conditions than ours but with an explicit error bound.

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